

In the Abstract:

On page 31, replace the Abstract paragraph starting at line 2 as follows:

A system is provided for the collection of measurements for use by a surface profiling processing scheme. A movable platform ~~has means mounted thereon for~~ is equipped to: (i) ~~generating generate~~ a measurement of inclination of a surface ~~where the movable~~ when the platform is positioned and stationary thereon, (ii) ~~generating generate~~ measurements of surface curvature of the surface as the movable platform traverses the surface, (iii) ~~monitoring monitor~~ distance that the movable platform traverses during a measurement run ~~on the surface where a measurement run is defined by starting and stopping positions on the surface that are spaced apart from one another,~~ (iv) ~~generating generate~~ a signal each time the movable platform traverses a predetermined amount of distance during a measurement run where the signal ~~generated serves as an indication~~ is such that the user is alerted to stop the movable platform ~~during the measurement run,~~ (v) ~~collecting collect~~ measurements of curvature while the movable platform traverses the surface ~~during the measurement run,~~ and (vi) ~~collecting measurement collect measurements~~ of inclination at the starting position, stopping position, and each time the movable platform is stopped during the measurement run.